

Access DB# 135484

SEARCH REQUEST FORM

Scientific and Technical Information Center

Requester's Full Name: DAWN GARRETT Examiner #: 76107 Date: 10/19/2004
Art Unit: 1774 Phone Number 272-1523 Serial Number: 161701040
Mail Box and Bldg/Room Location: Remsen 10A54 Results Format Preferred (circle): PAPER DISK E-MAIL

If more than one search is submitted, please prioritize searches in order of need.

Please provide a detailed statement of the search topic, and describe as specifically as possible the subject matter to be searched. Include the elected species or structures, keywords, synonyms, acronyms, and registry numbers, and combine with the concept or utility of the invention. Define any terms that may have a special meaning. Give examples or relevant citations, authors, etc. if known. Please attach a copy of the cover sheet, pertinent claims, and abstract.

Title of Invention: Organic Element For Electroluminescent Devices
Inventors (please provide full names): William Bedley, Tukaram Hatwar,
Manjiv Rajeswaran, David Giesen, Natasha Andrievsky
Earliest Priority Filing Date: 11/4/2003

For Sequence Searches Only Please include all pertinent information (parent, child, divisional, or issued patent numbers) along with the appropriate serial number.

Please search Formula (I) of claim 1 attached.

STAFF USE ONLY

	Type of Search	Vendors and cost where applicable
Searcher: <u>EL</u>	NA Sequence (#) _____	STN <u>\$125.00</u>
Searcher Phone #: _____	AA Sequence (#) _____	Dialog _____
Searcher Location: _____	Structure (#) <u>(1)</u> <u>(sub)</u>	Questel/Orbit _____
Date Searcher Picked Up: _____	Bibliographic _____	Dr.Link _____
Date Completed: <u>10-20-04</u>	Litigation _____	Lexis/Nexis _____
Searcher Prep & Review Time: <u>10</u>	Fulltext _____	Sequence Systems _____
Clerical Prep Time: _____	Patent Family _____	WWW/Internet _____
Online Time: <u>45</u>	Other _____	Other (specify) _____

=> file reg

FILE 'REGISTRY' ENTERED AT 16:06:19 ON 20 OCT 2004
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L3 STR L1
L4 STR L3
L5 STR L1
L6 STR L5

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FILE 'REGISTRY' ENTERED AT 15:59:03 ON 20 OCT 2004

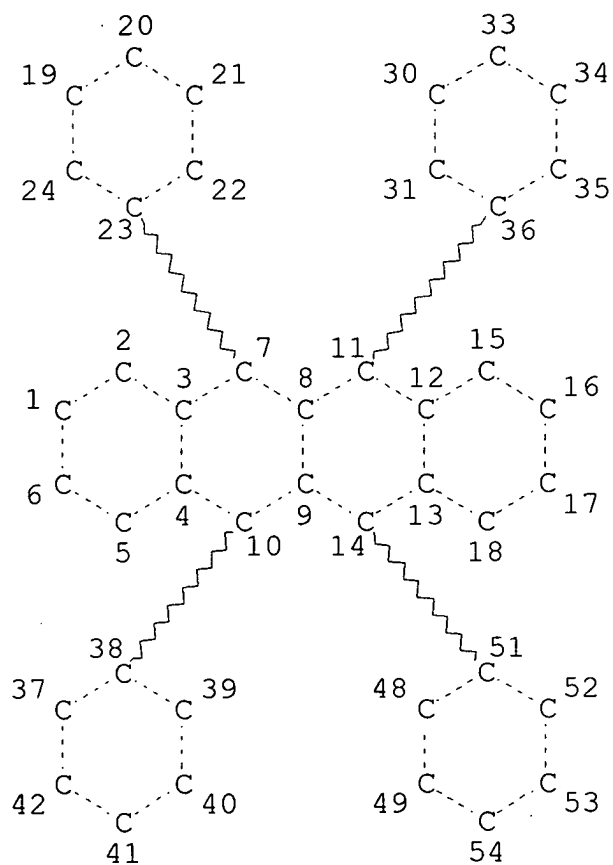
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L1 STR

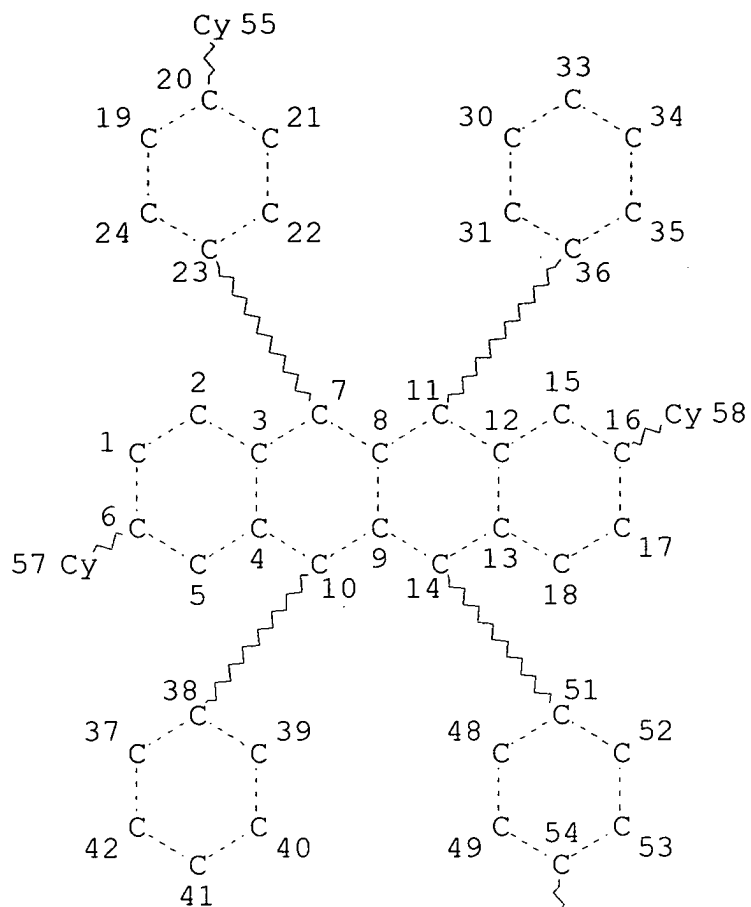


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DEFAULT ECLEVEL IS LIMITED

GRAPH ATTRIBUTES:
RSPEC I
NUMBER OF NODES IS 42

STEREO ATTRIBUTES: NONE

L2 STR



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Cy 56

Page 2-A

NODE ATTRIBUTES:

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DEFAULT ECLEVEL IS LIMITED

GRAPH ATTRIBUTES:

RSPEC I

NUMBER OF NODES IS 46

STEREO ATTRIBUTES: NONE

L8 185 SEA FILE=REGISTRY SSS FUL L1

L18 1 SEA FILE=REGISTRY SUB=L8 SSS FUL L2

100.0% PROCESSED 185 ITERATIONS

1 ANSWERS

SEARCH TIME: 00.00.01

=> file zcaplus

FILE 'ZCAPLUS' ENTERED AT 16:06:38 ON 20 OCT 2004

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L20 ANSWER 1 OF 1 ZCAPLUS COPYRIGHT 2004 ACS on STN

ACCESSION NUMBER: 2002:247051 ZCAPLUS

DOCUMENT NUMBER: 136:286307

TITLE: Naphthacene derivatives, organic
electroluminescent devices and materials using
them

INVENTOR(S): Kanno, Masaki; Suda, Yasumasa; Onikubo, Shunichi

PATENT ASSIGNEE(S): Toyo Ink Mfg. Co., Ltd., Japan

SOURCE: Jpn. Kokai Tokkyo Koho, 39 pp.

CODEN: JKXXAF

DOCUMENT TYPE: Patent

LANGUAGE: Japanese

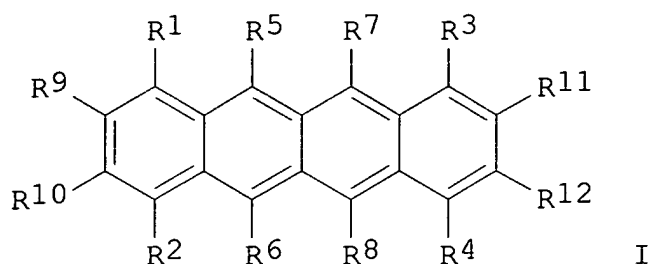
FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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JP 2002097465	A2	20020402	JP 2000-289680	200009 25
PRIORITY APPLN. INFO.:			JP 2000-289680	200009 25

OTHER SOURCE(S): MARPAT 136:286307

GI



AB The invention relates to an org. electroluminescent device comprising a general formula I [R1-12 = H, halo, or (un)substituted org. residue groups selected from alkyl, aryl, alkoxy, aryloxy, alkylthio, arylthio, amino and heterocyclyl; adjacent substituents of R1-12 may form a ring; .gtoreq.7 R1-12 are (un)substituted aryl; R1-4 can not be H simultaneously].

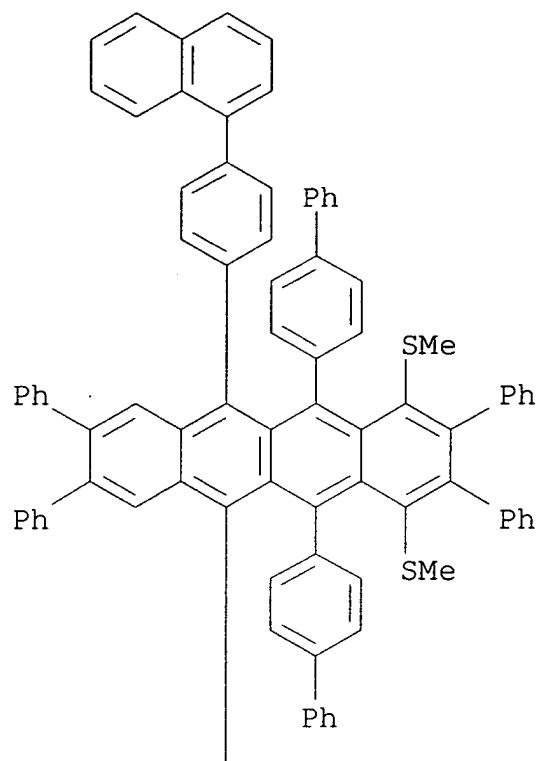
IT **405881-64-3P**

(naphthacene derivs., org. electroluminescent devices and materials using them)

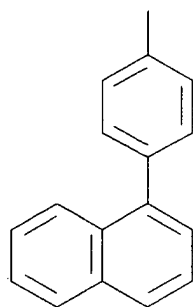
RN 405881-64-3 ZCAPLUS

CN Naphthacene, 5,12-bis[1,1'-biphenyl]-4-yl-1,4-bis(methylthio)-6,11-bis[4-(1-naphthalenyl)phenyl]-2,3,8,9-tetraphenyl- (9CI) (CA INDEX NAME)

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IT 405881-64-3P
 (naphthalene derivs., org. electroluminescent devices and
 materials using them)